STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

ENGINEERING DIVISION

FOR

HUMAN RESOURCES OFFICE

JOB NO. J00AO99B

DLNR HUMAN RESOURCES OFFICE IMPROVEMENTS KALANIMOKU BUILDING, ROOM 231

HONOLULU, OAHU, HAWAII

TMK: (1) 2-1-033: 025

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SCOPE OF WORK DESCRIPTION

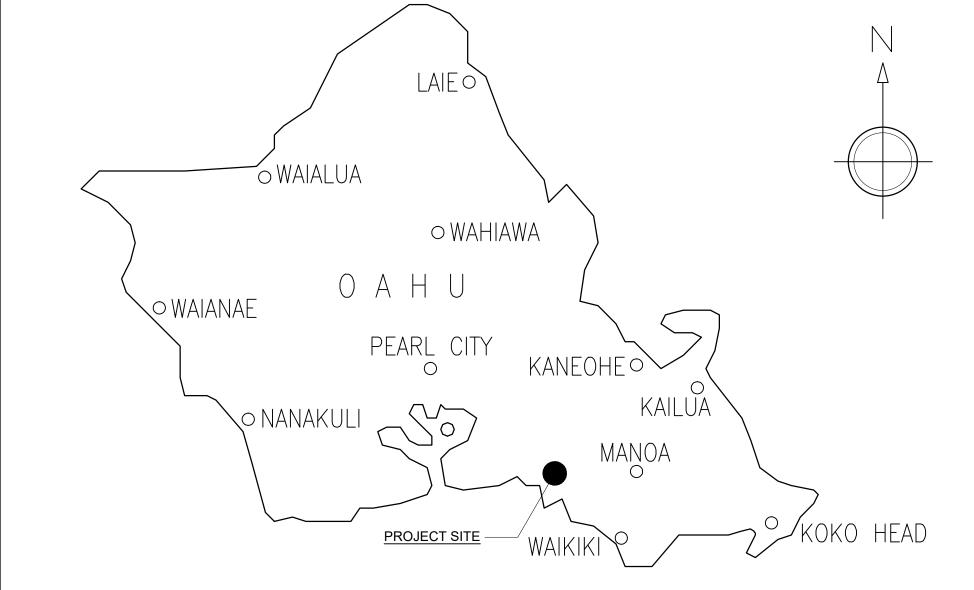
THE WORK SHALL GENERALLY CONSIST OF REPLACEMENT OF FLOORING AND WALL BASE, IN THE HUMAN RESOURCES OFFICE ON THE SECOND FLOOR LEVEL OF THE KALANIMOKU BUILDING. IN ADDITION, ABATEMENT OF HAZARDOUS MATERIALS, TESTING AND MONITORING WILL BE REQUIRED DURING REMOVAL WORK. REPAINTING OF EXISTING WALL BASE, REMOVE AND DISPOSE EXISTING HARDWOOD SERVICE COUNTERS / SECURITY ENTRY DOOR, SIX NEW MODULAR WORKSTATIONS, TEMPORARY RELOCATION OF OFFICE FURNITURE PRIOR TO FLOORING WORK, REINSTALLATION OF OFFICE FURNITURE, INSTALLATION OF NEW DOOR WITHIN THE EXISTING ENTRY HALLWAY, AND NEW FIRE ALARM AND MINOR ELECTRICAL WORK WITHIN THE EXISTING HALL.

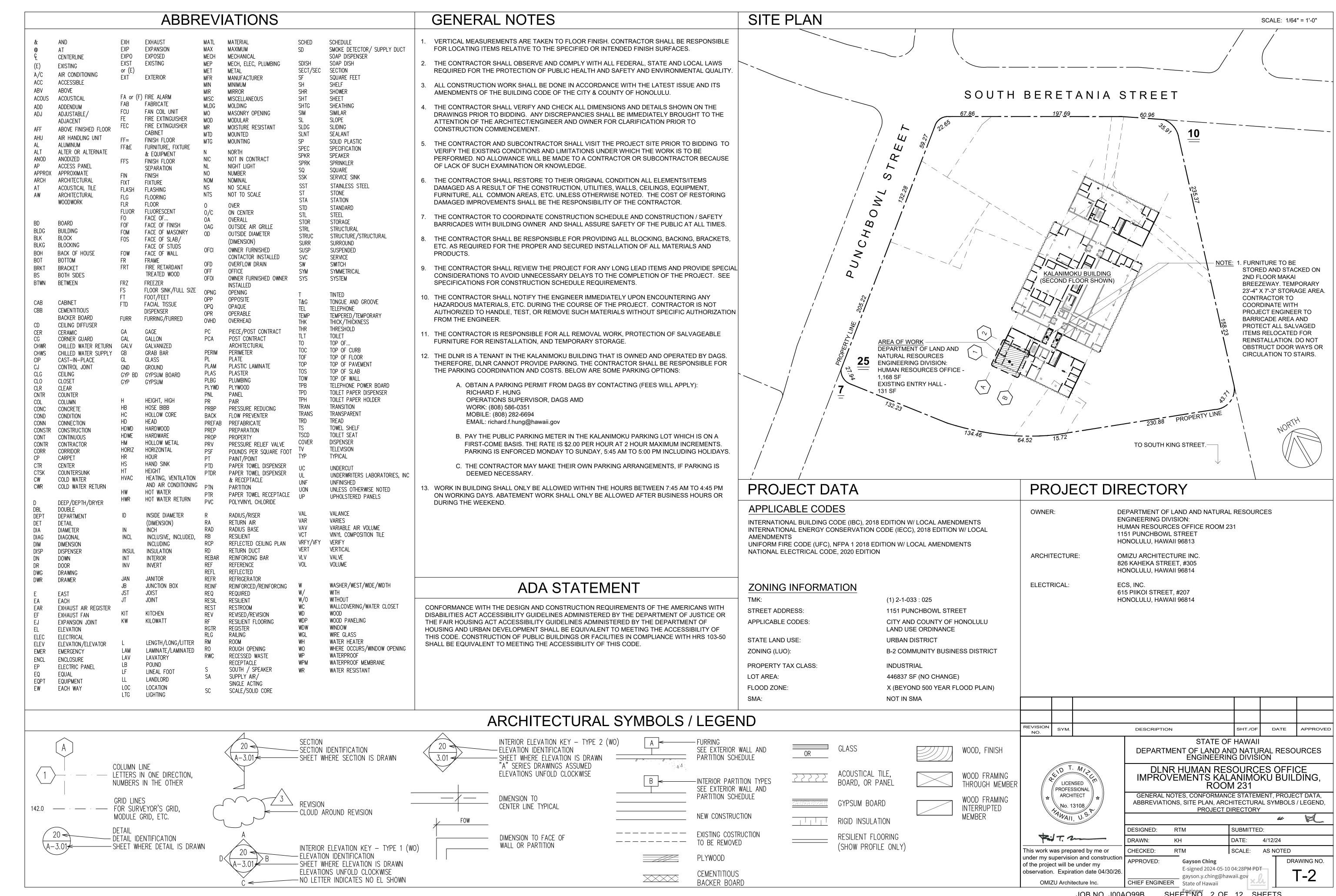
ALICE H. SCHUTTE
ADMINISTRATOR
HUMAN RESOURCES OFFICE
DEPARTMENT OF LAND AND NATURAL RESOURCES

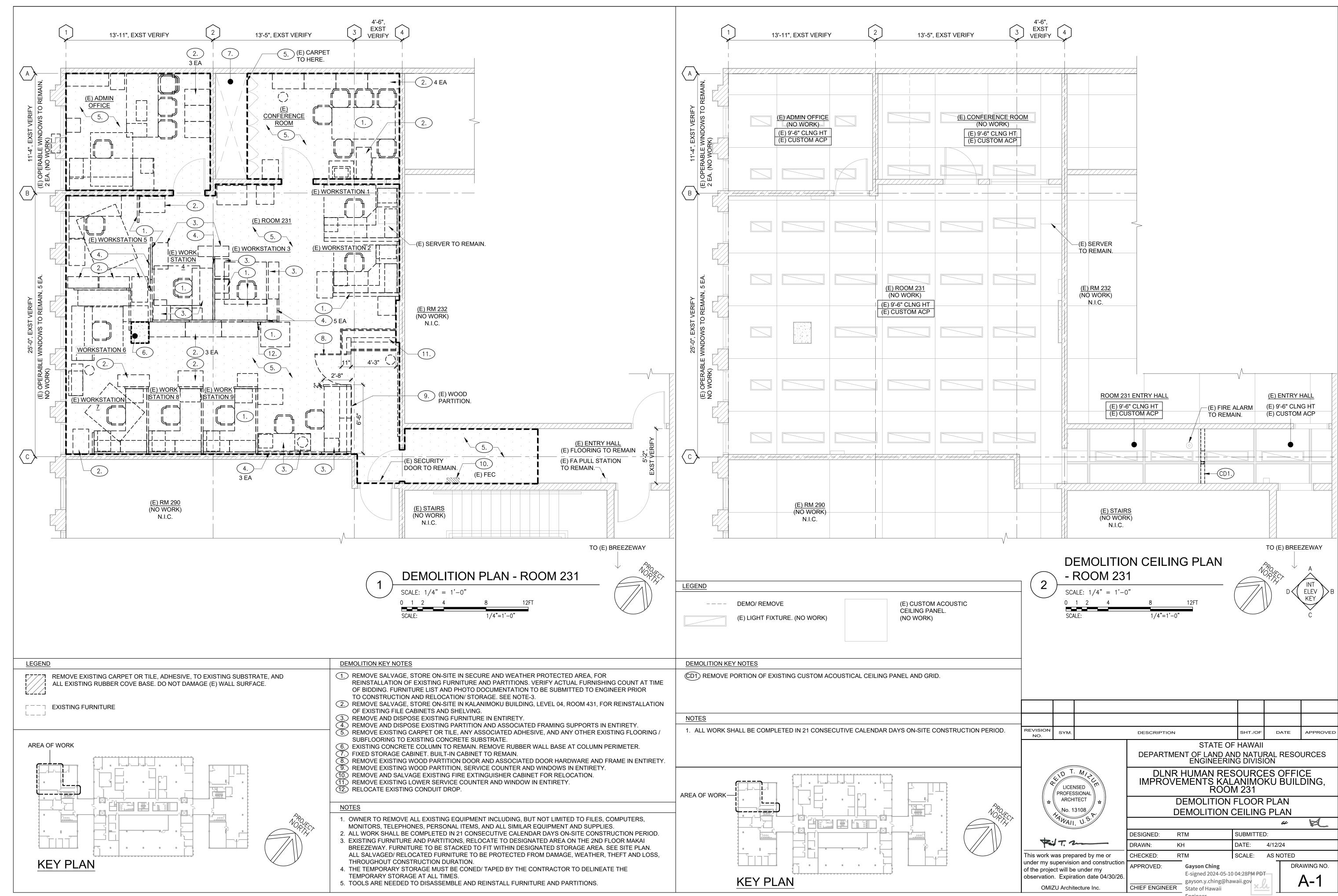
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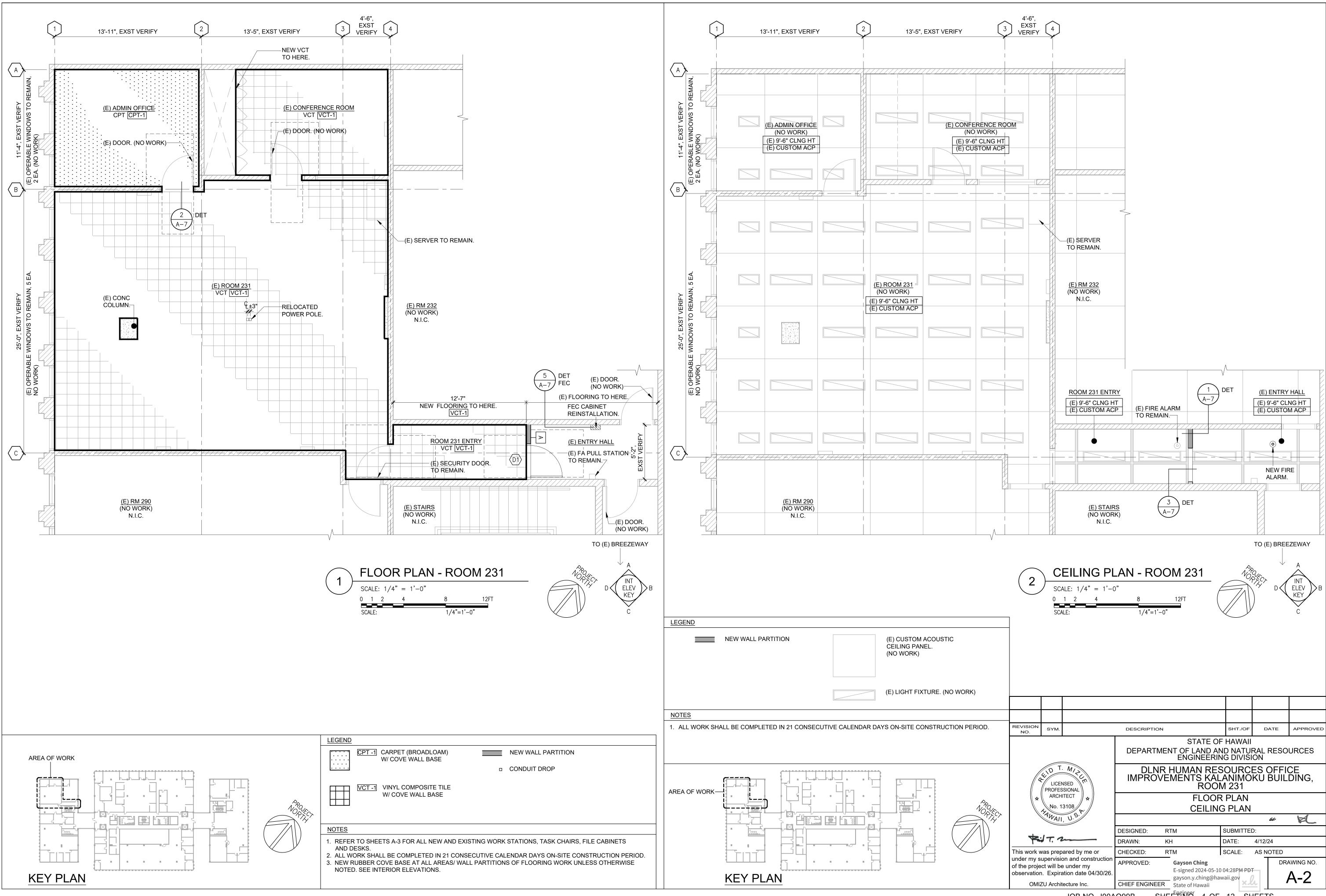
CARTY S. CHANG, P.E.
CHIEF ENGINEER
ENGINEERING DIVISION
DEPARTMENT OF LAND AND NATURAL RESOURCES

APPROVED:

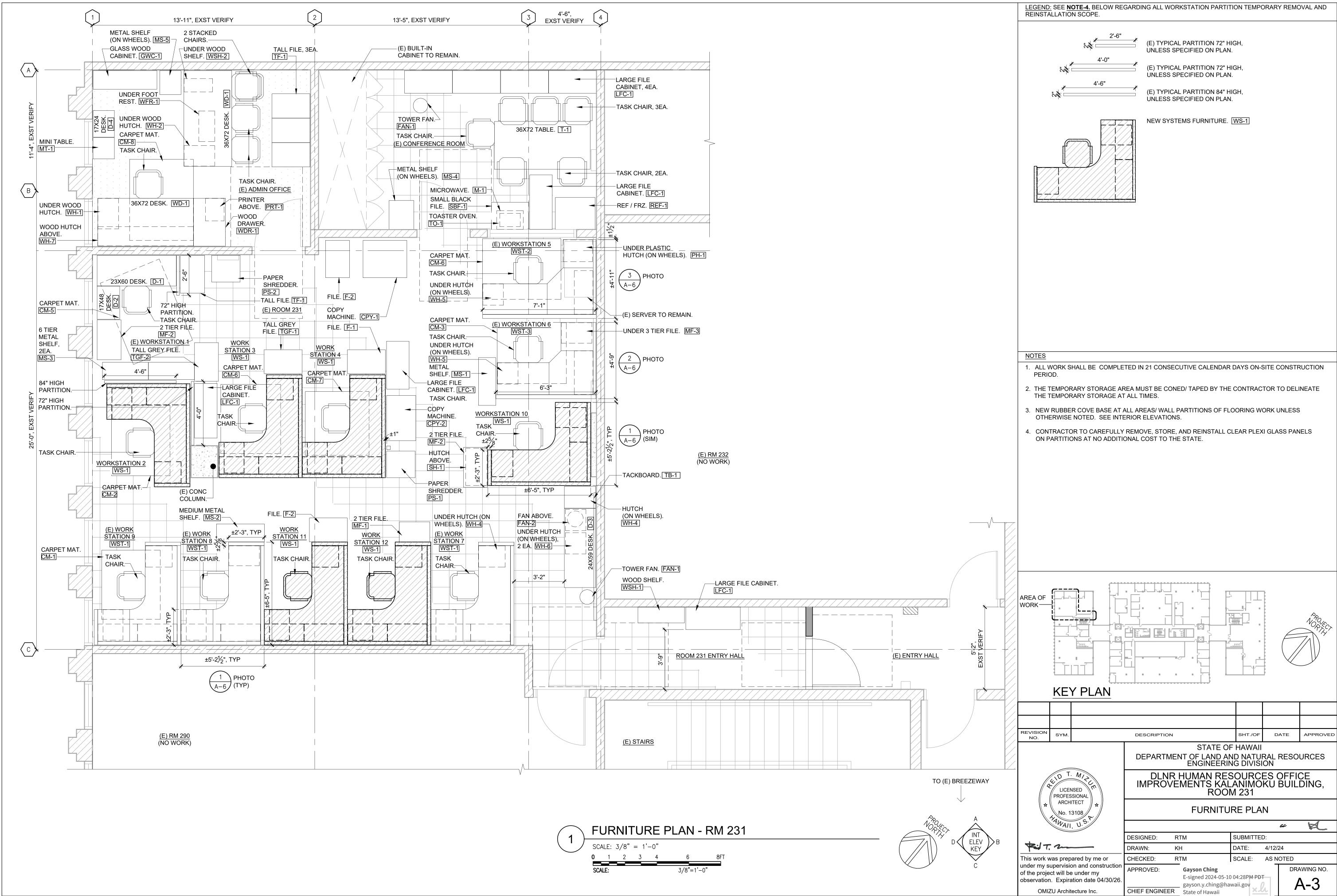


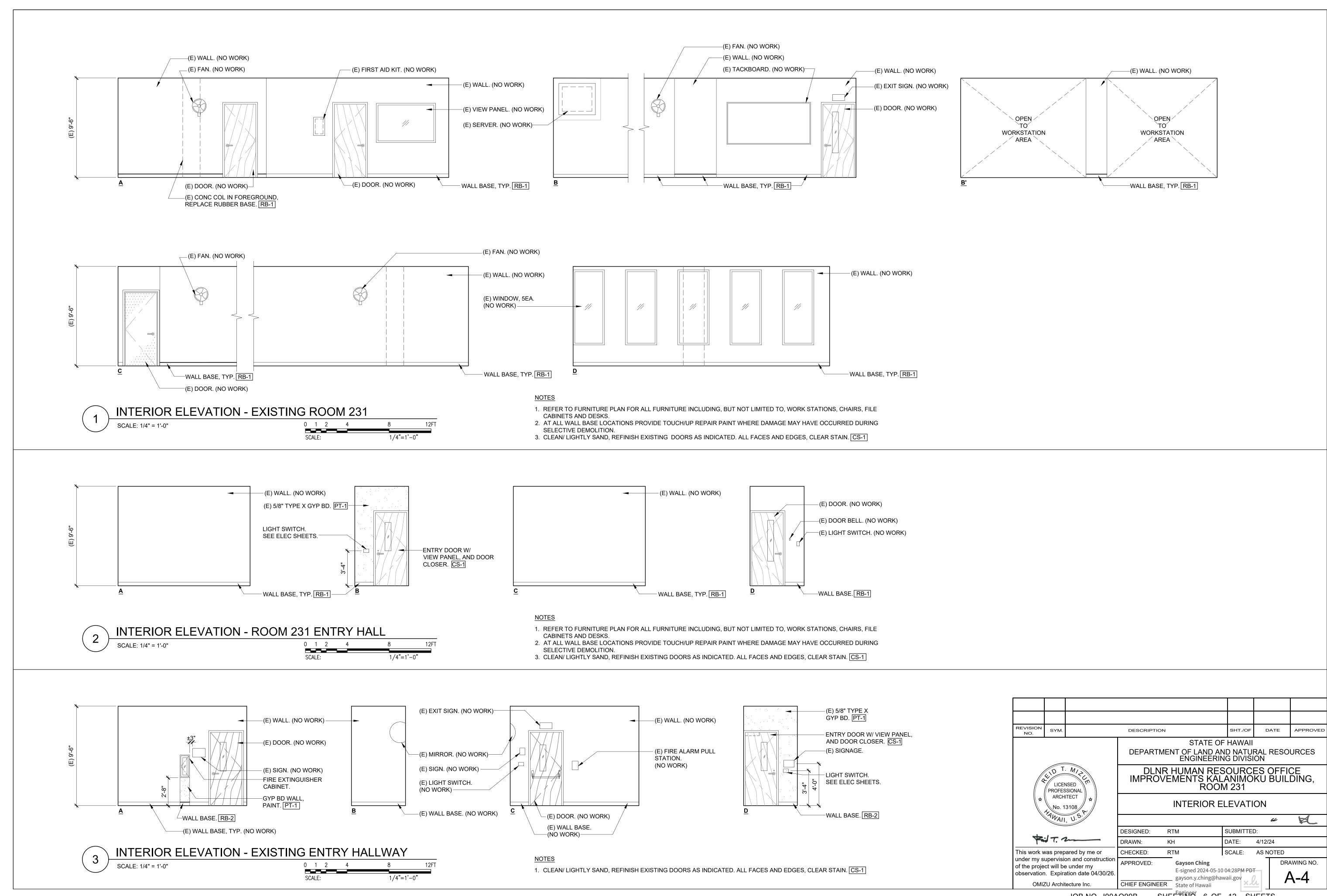


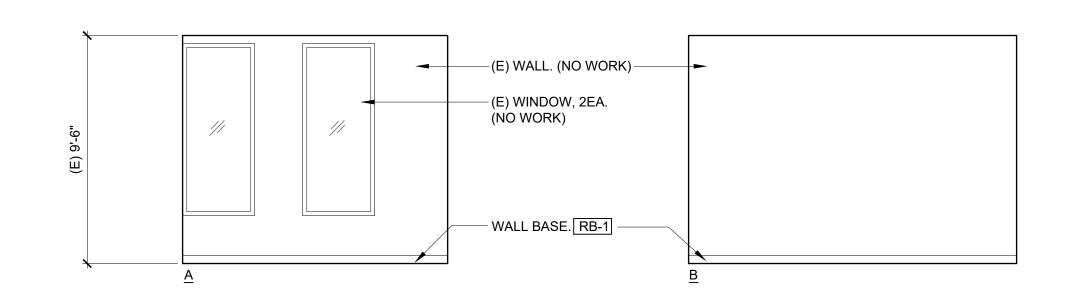


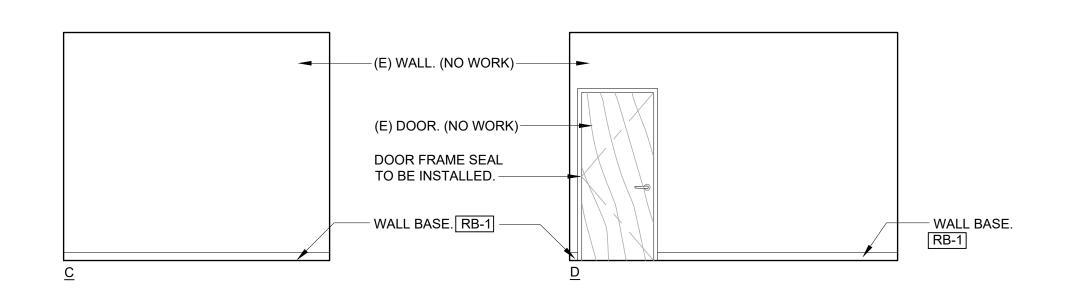


SHEET NO. 4 OF 12 SHEETS JOB NO. J00AO99B











INTERIOR ELEVATION - EXISTING ADMIN OFFICE

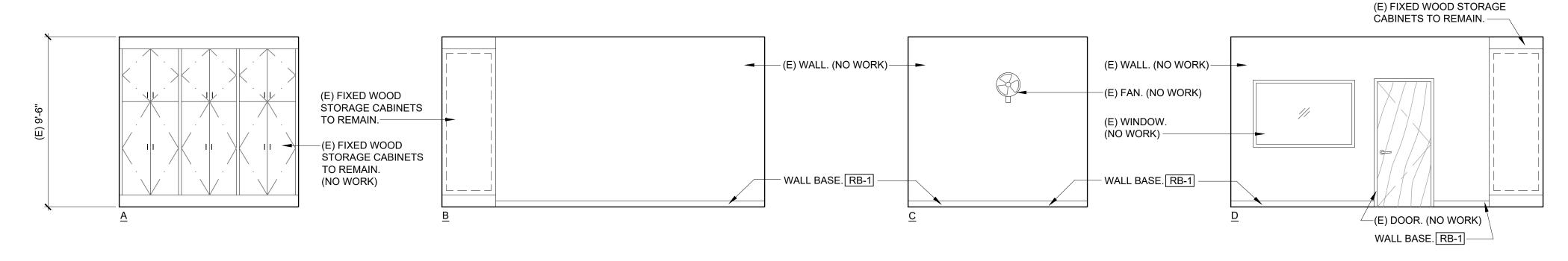
SCALE: 1/4" = 1'-0"

0 1 2 4 8 1

SCALE: 1/4"=1'-0"

<u>NOTES</u>

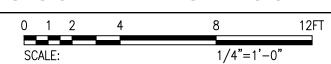
- 1. REFER TO FURNITURE PLAN FOR ALL FURNITURE INCLUDING, BUT NOT LIMITED TO, WORK STATIONS, CHAIRS, FILE
- CABINETS AND DESKS.
- 2. AT ALL BASE BASE LOCATIONS PROVIDE TOUCH/ UP REPAIR PAINT WHERE DAMAGE MAY HAVE OCCURRED DURING
- SELECTIVE DEMOLITION.
- 3. CLEAN/ LIGHTLY SAND, REFINISH EXISTING DOORS ALL FACES AND EDGES WITH CLEAR STAIN. CS-1



5

INTERIOR ELEVATION - EXISTING CONFERENCE ROOM

SCALE: 1/4" = 1'-0"



NOTES

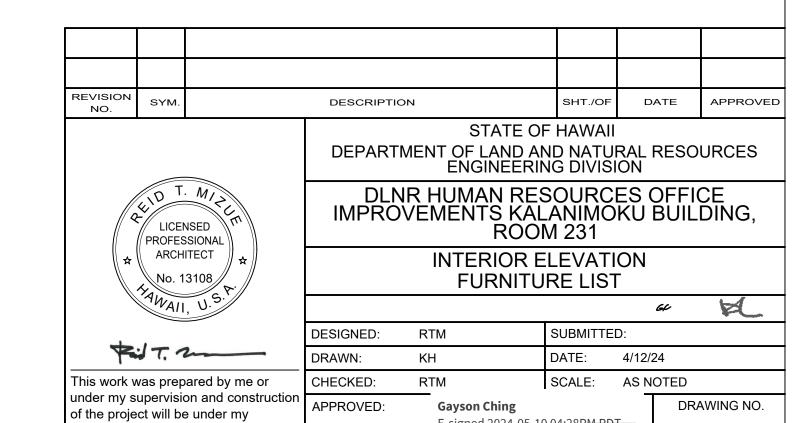
- 1. REFER TO FURNITURE PLAN FOR ALL FURNITURE INCLUDING, BUT NOT LIMITED TO, WORK STATIONS, CHAIRS, FILE
- CABINETS AND DESKS.
 2. AT ALL BASE BASE LOCATIONS PROVIDE TOUCH/ UP REPAIR PAINT WHERE DAMAGE MAY HAVE OCCURRED DURING
- SELECTIVE DEMOLITION.
- 3. CLEAN/ LIGHTLY SAND, REFINISH EXISTING DOORS ALL FACES AND EDGES WITH CLEAR STAIN. CS-1

TYPE	QTY	DESCRIPTION	SIZE	TYPE	QTY	DESCRIPTION	SIZE	TYPE	QTY	DESCRIPTION	SIZE	TYPE	QTY	DESCRIPTION	SIZE
CPY-1	1	COPY MACHINE	28" X 33" X 44" HT	SBF-1	1	SMALL BLACK FILE	18.5" X 28" X 29"	WH-6	2	WOOD HUTCH ON WHEELS	15.5" X 16" X 22.5" HT	CM-7	1	CARPET MAT	48" X 48"
CPY-2	1	COPY MACHINE	22" X 34" X 44" HT	TF-1	4	TALL FILE	18" X 28.5" X 60" HT	WH-7	1	LARGE WOOD HUTCH	14.5" X 72" X 17.5" HT	CM-8	1	CARPET MAT	48" X 61"
PRT-1	1	PRINTER	14" X 17" X 15" HT	TGF-1	1	TALL GREY FILE	18" X 28.5" X 60" HT	PH-1	1	PLASTIC HUTCH ON WHEELS	16.5" X 22" X 27.5"	FAN-1	2	TOWER FAN	11" X 35" HT
PS-1	1	PAPER SHREDDER	20" X 21.5" X 37" HT	TGF-2	1	TALL GREY FILE	18" X 29" X 52" HT	WSH-1	1	WOOD SHELF	12" X 35" X 29" HT	FAN-2	1	FAN	12" X 20" HT
PS-2	1	PAPER SHREDDER	20" X 21.5" X 37" HT	MF-1	3	2 TIER FILE	18" X 23" X 28" HT	WSH-2	1	WOOD SHELF	10" X 21.5" X 26" HT	TO-1	1	TOASTER OVEN	10" X 15.5" X 8.5" HT
REF-1	1	REFRIGERATOR / FREEZER	24" X 30" X 66.5" HT	MF-2	2	2 TIER FILE	18" X 30" X 27" HT	MS-1	1	SMALL METAL SHELF	13" X 36" X 29" HT	TB-1	1	TACKBOARD	4'-0" X 8'-0"
M-1	1	MICROWAVE	14" X 20" X 12" HT	MF-3	1	3 TIER FILE	15.5" X 23" X 27.5"	MS-2	1	MEDIUM METAL SHELF	13.5" X 36" X 56" HT	WST-1	3	WORKSTATION 7-9 (SIM)	5'-2.5" X 6'-5"
D-1	1	DESK	23" X 60" X 29.5" HT	LFC-1	8	LARGE FILE CABINET	17" X 41" X 87" HT	MS-3	2	6 TIER METAL SHELF	13" X 34.5" X 81" HT	WST-2	1	WORKSTATION 1	4'-11" X 7'-1"
D-2	1	DESK	17" X 48" X 29.5" HT	SH-1	1	SMALL HUTCH	16" X 28" X 8" HT	MS-4	1	METAL SHELF ON WHEELS	18.5" X 34" X 26.5" HT	WST-3	1	WORKSTATION 2	4'-9" X 6'-3"
D-3	1	DESK	24" X 59" X 30" HT	MH-1	6	METAL HUTCH	13" X 30" X 15" HT	MS-5	1	METAL SHELF ON WHEELS	16" X 18" X 27" HT				
D-4	1	DESK	17" X 24" X 30" HT	WDR-1	1	WOOD DRAWER	24" X 36" X 30" HT	GWC-1	1	GLASS WOOD CABINET	14" X 48" X 48" HT				
WD-1	2	WOOD DESK	36" X 72" X 29.5" HT	WFR-1	1	WOOD FOOT REST	12" X 23" X 7" HT	CM-1	1	CARPET MAT	44" X 52"				
WD-2	1	WOOD DESK	20" X 60" X 29" HT	WH-1	1	WOOD HUTCH	15.5" X 23" X 28" HT	CM-2	1	CARPET MAT	44" X 53"				
MT-1	1	MINI TABLE	16" X 16" X 24" HT	WH-2	1	WOOD HUTCH	15.5" X 23" X 28.5" HT	CM-3	1	CARPET MAT	46" X 52"				
T-1	1	TABLE	36" X 72" X 29" HT	WH-3	2	WOOD HUTCH	14" X 36" X 16.5" HT	CM-4	1	CARPET MAT	45.5" X 59"				
F-1	1	FILE	18" X 28.5" X 29" HT	WH-4	2	WOOD HUTCH ON WHEELS	16" X 20" X 24" HT	CM-5	1	CARPET MAT	48" x 66"				
F-2	2	FILE	18" X 28.5" X 52" HT	WH-5	2	WOOD HUTCH ON WHEELS	15.5" X 16" X 16" HT	CM-6	1	CARPET MAT	45" X 52"				

NOTES: 1. SUBMIT COMPLETE AND VERIFIED <u>FURNITURE LIST</u> AND <u>PHOTO DOCUMENTATION</u> TO THE ENGINEER PRIOR TO REMOVAL AND STORAGE.

2. FURNITURE LOCATION SHALL COMPLY WITH ADAAG 404.2.4.1

3. REFER TO SHEET A-3 FOR TYPICAL DOCUMENTATION OF EA WORKSTATION, WST-1 THRU WST-3.



JOB NO. J00AO99B SHEETS OF 12 SHEETS

CHIEF ENGINEER State of Hawaii

observation. Expiration date 04/30/26.

OMIZU Architecture Inc.

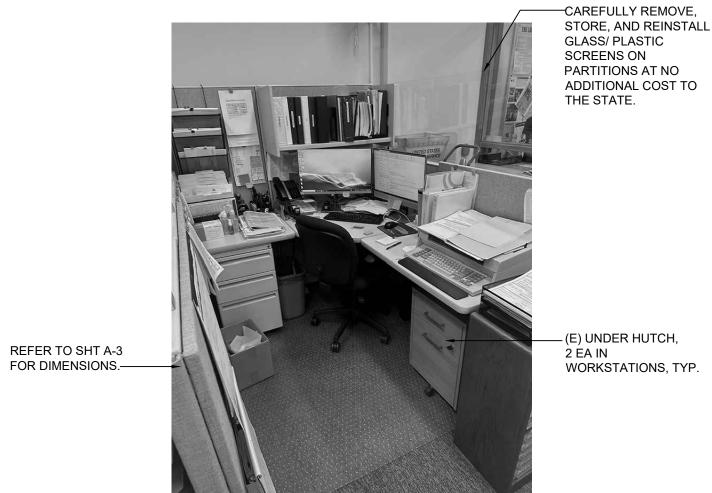
E-signed 2024-05-10 04:28PM PDT

gayson.y.ching@hawaii.gov

CAREFULLY REMOVE, STORE, AND REINSTALL GLASS/ PLASTIC SCREENS ON PARTITIONS AT NO ADDITIONAL COST TO THE STATE. REFER TO SHT A-3 FOR DIMENSIONS.—

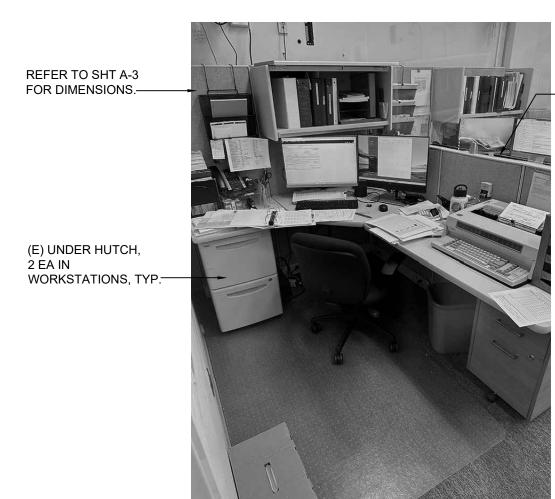
2 ÉA IN WORKSTATIONS, TYP.

EXAMPLE WORKSTATION, TYP. WST-1



(E) UNDER HUTCH, 2 EA IN WORKSTATIONS, TYP.

EXAMPLE WORKSTATION, TYP. WST-2



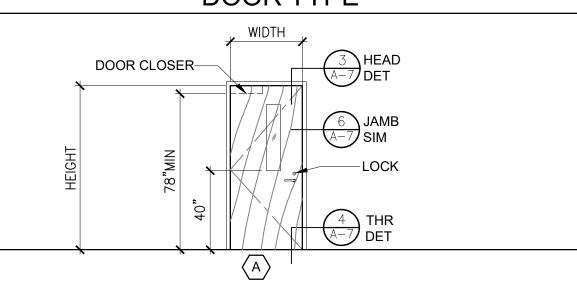
ADDITIONAL COST TO THE STATE.

CAREFULLY REMOVE, STORE, AND REINSTALL

GLASS/ PLASTIC SCREENS ON PARTITIONS AT NO

EXAMPLE WORKSTATION, TYP. WST-3

DOOR TYPE



1 3/4" THK SOLID CORE WOOD DOOR W/ VIEW PANEL.

DOOR SCHEDULE

	DOOR						FRAME				DETAIL		FIRE HARDWARE			REMARKS
ROOM/ SPACE	NUMBER	TYPE	DOOR MATERIAL	DOOR FINISH	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH (INT/EXT)	HEAD	JAMB	THRESHOL		GROUP	GLASS	TALIWA WAY
RM 231 ENTRY	D1	А	SC, FLUSH, WOOD	PAINT, CS-1	3'-0"	7'-0"	1-3/4"	PER MFG, METAL	PER MFG	3/A-7	6/A-7	4/A-7	20 MIN	001	CLEAR	- FR W/ LOW -E GLAZING - PAINT TO MATCH EXISTING BUILDING INTERIOR

FINISH / MATERIAL SCHEDULE

TYPE	DESCRIPTION	COLOR	FINISH / PRODUCT INFO.	MANUFACTURER	REMARKS
CPT-1	CARPET BROADLOOM TUFTED - COLORSTRAND NYLON - ADMIN OFFICE	COLLECTIVE STRUCTURE BC638 TWILIGHT - 575	MOHAWK GROUP - LEES (OR APPROVED EQUAL) GLUE-DOWN	MNF: LEES CONTACT: JANCIE DELA CRUZ, MOHAWK GROUP TEL: (808) 829-2095 EMAIL: jancie_delacruz@mohawkind.com	PROVIDE PRODUCT DATA SUBMITTAL SAMPLES AND SHOP DRAWINGS DIAGRAM(S) FOR ARCHITECT REVIEW PRIOR TO ORDER AND INSTALLATION. GLUE-DOWN ADHESIVE APPLICATION/ PRODUCT TO BE SUBMITTED PER MANUFACTURER RECOMMENDATION.
CS-1	PAINT - DOORS	CLEAR STAIN	SEMI-GLOSS	MNF: SHERWIN WILLIAMS CONTACT: SHARI TSUKAYAMA TEL: (808) 497-2468 EMAIL: shari.sherwin@gmail.com	PROVIDE PRODUCT DATA SUBMITTAL AND SAMPLE BRUSH OUTS FOR ARCHITECT REVIEW PRIOR TO ORDER AND INSTALLATION.
PT-1	PAINT - WALL PARTITION, DOOR FRAME	MATCH: EXISTING OFFICE COLOR	SEMI-GLOSS	MNF: SHERWIN WILLIAMS CONTACT: SHARI TSUKAYAMA TEL: (808) 497-2468 EMAIL: shari.sherwin@gmail.com	PROVIDE PRODUCT DATA SUBMITTAL AND SAMPLE BRUSH OUTS FOR ARCHITECT REVIEW PRIOR TO ORDER AND INSTALLATION.
RB-1	RUBBER BASE - COVE BASE	FLAGSTONE R41FS	ARMSTRONG FLOORING (OR APPROVED EQUAL) - 4" RUBBER BASE	MNF: ARMSTRONG FLOORING CONTACT: SHEILA SURBAN, TRI-WEST TEL: (808) 372-0529 EMAIL: ssurban@triwestltd.com	PROVIDE SUBMITTAL AND SAMPLE PRODUCT DATA FOR ARCHITECT REVIEW PRIOR TO ORDER AND INSTALLATION.
RB-2	RUBBER BASE - COVE BASE	MATCH: EXISTING HALLWAY COLOR	ARMSTRONG FLOORING (OR APPROVED EQUAL) - 4" RUBBER BASE	MNF: ARMSTRONG FLOORING CONTACT: SHEILA SURBAN, TRI-WEST TEL: (808) 372-0529 EMAIL: ssurban@triwestltd.com	PROVIDE SUBMITTAL AND SAMPLE PRODUCT DATA FOR ARCHITECT REVIEW PRIOR TO ORDER AND INSTALLATION.
VCT-1	VINYL COMPOSITE TILE PREMIUM EXCELON IMPERIAL TEXTURE - OPEN OFFICE AREA, CONFERENCE RM, RM 231 ENTRY	STERLING 51904	ARMSTRONG FLOORING (OR APPROVED EQUAL) 12" X 12" POLISHED, SEE REMARKS.	MNF: ARMSTRONG FLOORING OR APPROVED EQUAL CONTACT: SHEILA SURBAN, TRI-WEST TEL: (808) 372-0529 EMAIL: ssurban@triwestltd.com	PROVIDE SUBMITTAL AND SAMPLE PRODUCT DATA FOR ARCHITECT REVIEW PRIOR TO ORDER AND INSTALLATION. FLOOR POLISH S-480 OVER NEW TILE. PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES PASS MOISTURE TESTING ACCORDING TO FLOOR TILE MANUFACTURER'S WRITTEN RECOMMENDATIONS.

FURNITURE SCHEDULE

TYPE	QUANTITY	DESCRIPTION	COLOR	PRODUCT INFO.	MANUFACTURER	REMARKS
WS-1	6	L-SHAPED WORKSTATION MODEL: HWV93AALP SERIES: SYSTEMS (ABOUND)	DESK: COGN.COGN.P PANELS: MATCH EXISTING PANEL FABRIC COLOR	72 X 36 X 24 X 24 LEFT CORNER COVE WORKSURFACE EDGEBAND	HON (OR APPROVED EQUAL)	PROVIDE SUBMITTAL PRODUCT DATA AND MANUFACTURER FINISHES FOR ARCHITECT REVIEW PRIOR TO ORDER AND INSTALLATION. CONTRACTOR TO CONDUCT SITE VISIT TO VERIFY BASIS OF DESIGN L-SHAPED WORKSTATION, POWER REQ. TO MATCH EXISTING, PRIOR TO PROVIDING SHOP DRAWINGS AND PRODUCT INFO.

REVISION SYM. SHT./OF DATE APPROVED DESCRIPTION

STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION DLNR HUMAN RESOURCES OFFICE IMPROVEMENTS KALANIMOKU BUILDING, ROOM 231

DOOR TYPE, FINISH MATERIAL SCHEDULE FURNITURE SCHEDULE, PHOTOS

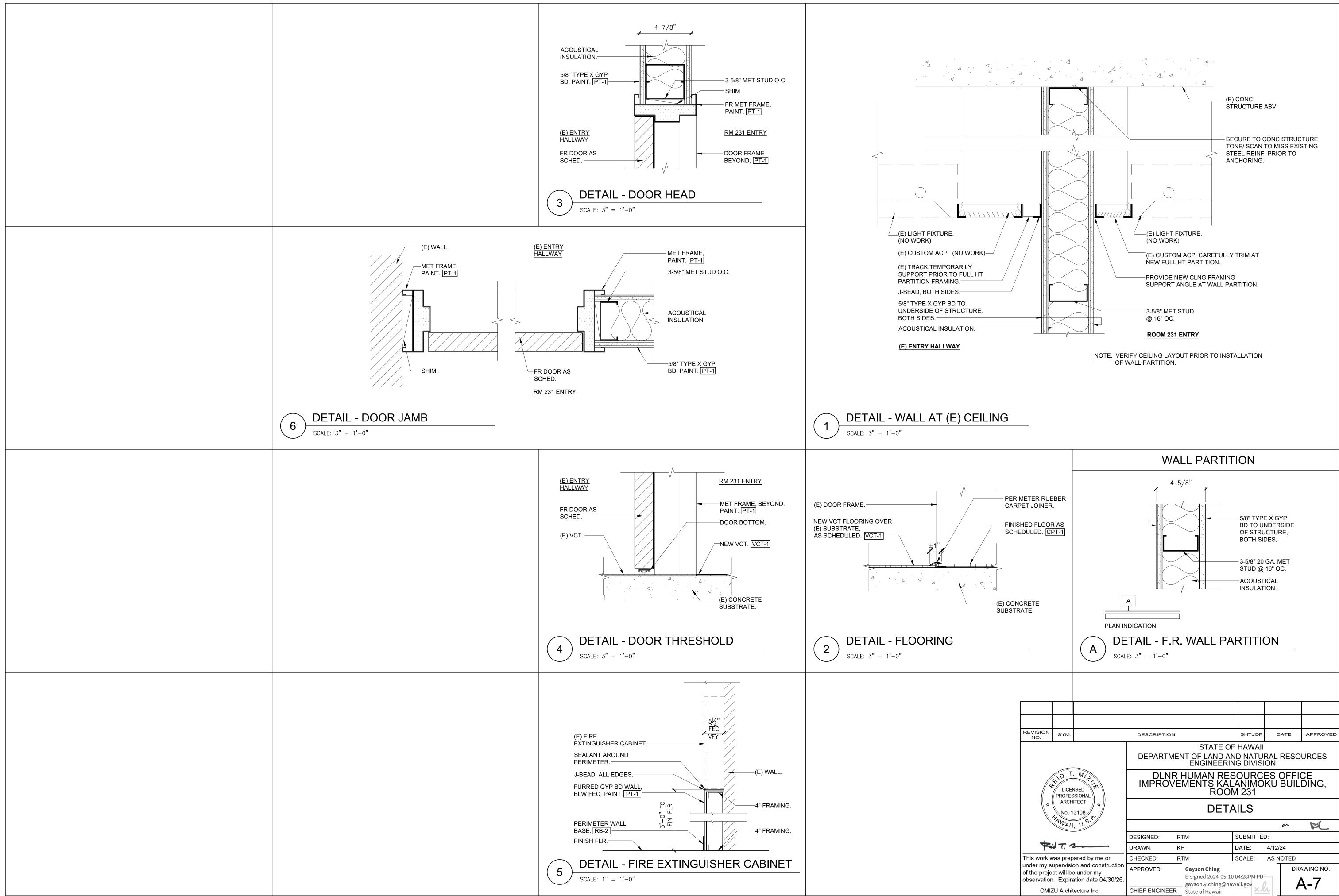
DRAWING NO.

SUBMITTED: DESIGNED: RTM DRAWN: KH DATE: 4/12/24 CHECKED: RTM

LICENSED PROFESSIONAL ARCHITECT

This work was prepared by me or under my supervision and construction SCALE: AS NOTED APPROVED: **Gayson Ching** of the project will be under my E-signed 2024-05-10 04:28PM PDT observation. Expiration date 04/30/26. gayson.y.ching@hawaii.gov OMIZU Architecture Inc.

CHIEF ENGINEER State of Hawaii



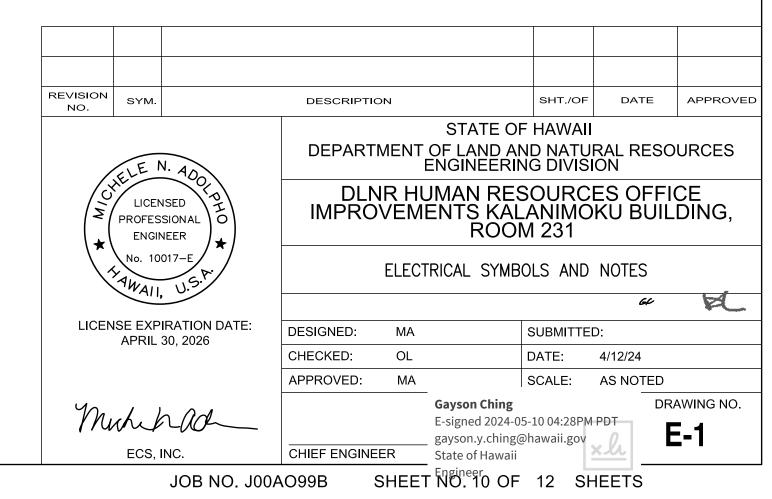
GENERAL ELECTRICAL NOTES:

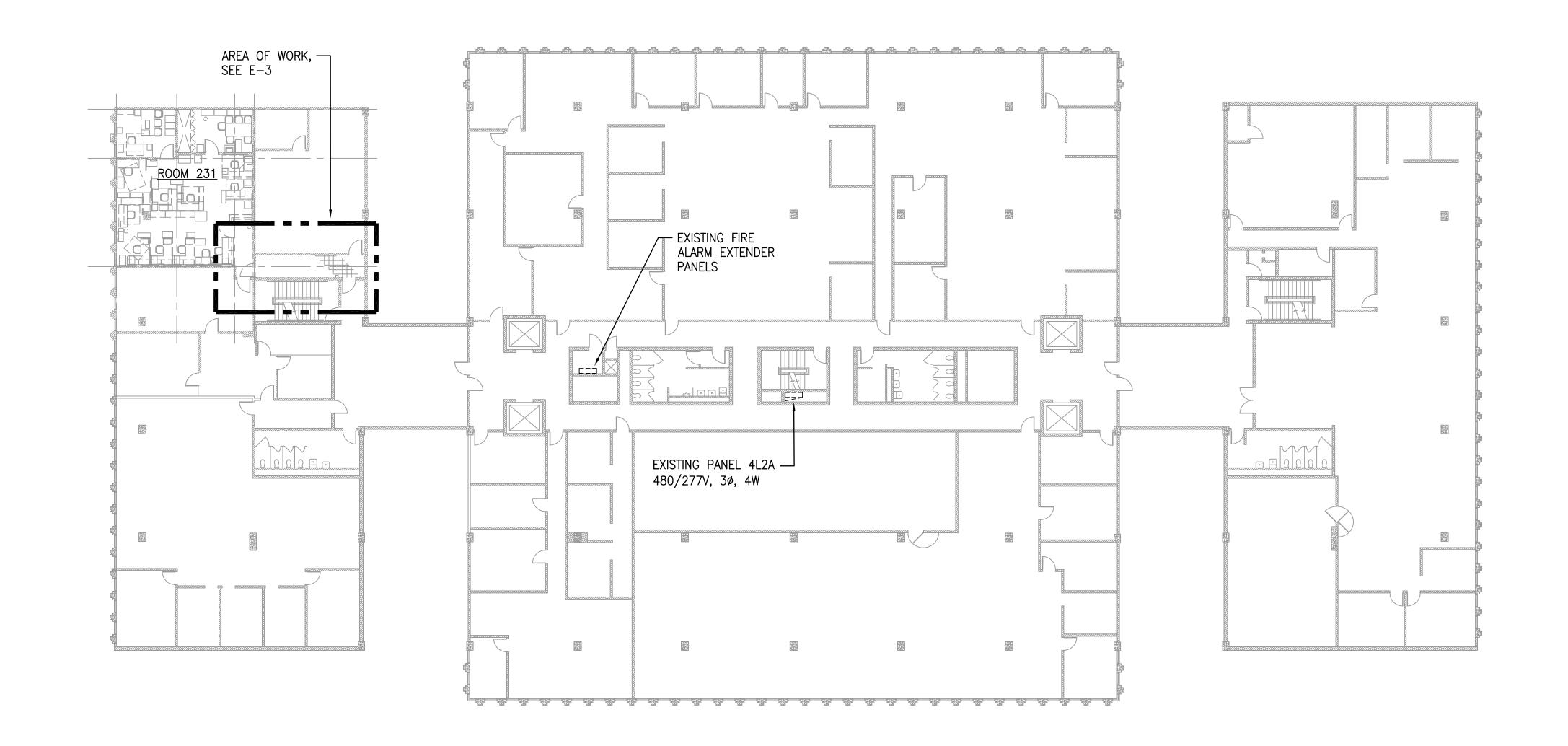
- 1. ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE (NEC), NATIONAL ELECTRICAL SAFETY CODE AND BUILDING ORDINANCES OF THE COUNTY OF HAWAII. CONSTRUCTION PRACTICES SHALL CONFORM TO THE LATEST EDITION OF AMERICAN ELECTRICIANS' HANDBOOK BY CROFT, AND APPLICABLE INSTRUCTIONS OF MANUFACTURERS OF EQUIPMENT AND MATERIAL SUPPLIED FOR THIS PROJECT.
- 2. THE DRAWINGS DO NOT REFLECT ALL THE EXISTING CONDITIONS THAT MAY BE ENCOUNTERED DURING CONSTRUCTION. VISIT THE PROJECT SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS, THE EXTENT OF ANY DEMOLITION, RELOCATION, RECONNECTION, AND THE NEW WORK PRIOR TO THE START OF ON—SITE CONSTRUCTION ACTIVITIES. REPORT ANY DISCREPANCIES AND/OR DIFFERENCES BETWEEN THE EXISTING CONDITIONS AND THE CONSTRUCTION DOCUMENTS TO THE ENGINEER. RESOLVE ALL DISCREPANCIES AND QUESTIONS PRIOR TO THE START OF WORK. BID SUBMISSION SHALL BE CONSIDERED AS EVIDENCE THAT THE CONTRACTOR HAS VISITED THE SITE AND RESOLVED ALL DISCREPANCIES AND QUESTIONS AND NO EXTRA PAYMENT WILL BE AUTHORIZED FOR WORK REQUIRED BY THE CONTRACTOR'S FAILURE TO DO SO.
- 3. EXISTING DEVICE LOCATIONS, CIRCUIT ASSIGNMENTS, WIRING CONNECTIONS, AND CONDUIT RUNS INDICATED WERE DERIVED FROM AVAILABLE REFERENCE DOCUMENTS AND LIMITED FIELD INVESTIGATION. FIELD VERIFY ALL EXISTING CONDITIONS AND MAKE ANY NECESSARY ADJUSTMENTS TO SATISFY THE INTENT OF THE DRAWINGS AND SPECIFICATIONS.
- 4. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE I IMITED TO NORMAL WORKING HOURS.
- 5. WORK INCIDENTAL TO THE CONTRACT AND NECESSARY TO COMPLETE THE PROJECT, ALTHOUGH NOT SPECIFICALLY REFERRED TO IN THE CONTRACT DOCUMENTS, SHALL BE FURNISHED AND PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT.
- 6. THE LOCATION OF ALL ELECTRICAL APPARATUS AND DEVICES ARE APPROXIMATE AND BEFORE INSTALLING, STUDY THE ARCHITECTURAL DETAILS AND MAKE INSTALLATION IN THE MOST LOGICAL MANNER. ANY PIECE OF EQUIPMENT/DEVICE MAY BE RELOCATED WITHIN 10' BEFORE INSTALLATION AT THE DIRECTION OF THE ENGINEER WITHOUT ADDITIONAL CHARGE TO THE PROJECT.
- 7. SHOULD PROJECT CONDITIONS REQUIRE REARRANGEMENT OF THE PROJECT'S WORK, THE CONTRACTOR SHALL MARK SUCH CHANGES ON THE AS-BUILT DRAWINGS. IF THESE CHANGES REQUIRE AN ALTERNATE METHOD TO THOSE SPECIFIED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SUBMIT DRAWINGS TO REFLECT THE PROPOSED ALTERNATE METHODS TO THE ENGINEER FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL NOT PROCEED UNTIL APPROVAL IS OBTAINED. REARRANGEMENT OF WORK FOR THE PURPOSE OF COORDINATION SHALL NOT BE CONSIDERED AN ITEM FOR EXTRA COST.
- 8. THE EXISTING ELECTRICAL, FIRE ALARM, TELECOMMUNICATIONS AND OTHER ELECTRICALLY—RELATED SYSTEMS MUST REMAIN OPERATIONAL THROUGHOUT THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL EXERCISE DUE CARE AND CAUTION WHEN WORKING NEAR ANY EXISTING EQUIPMENT, DEVICES, OR CABLING/CIRCUITING. ANY DAMAGE TO THE EXISTING EQUIPMENT, DEVICES OR CABLING/CIRCUITING RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE IMMEDIATELY REPAIRED OR OTHERWISE RESTORED TO ITS ORIGINAL WORKING CONDITION AT NO ADDITIONAL COST TO THE PROJECT.
- 9. MAINTAIN CONTINUITY OF ALL CIRCUITS THAT PASS THROUGH THE PROJECT LIMITS AND SERVE OTHER AREAS OR EQUIPMENT INDICATED TO REMAIN.
- 10. CONCEAL ALL CONDUIT; EXPOSED CONDUITS ARE PERMITTED ONLY WHERE SPECIFICALLY SHOWN ON THE DRAWINGS. ALL EXPOSED CONDUITS IN FINISHED AREAS SHALL BE INSTALLED IN THE LEAST VISIBLE LOCATIONS. CARE SHALL BE TAKEN TO INSTALL CONDUIT IN THE MOST AESTHETICALLY PLEASING MANNER.
- 11. A GREEN, EQUIPMENT GROUND CONDUCTOR SIZED IN ACCORDANCE WITH THE NEC ARTICLE 250 SHALL BE INSTALLED IN ALL BRANCH CIRCUITS WHETHER INDICATED ON CONTRACT DRAWINGS OR NOT.
- 12. DO NOT USE A COMMON NEUTRAL FOR MULTIPLE BRANCH CIRCUITS INSTALLED IN A COMMON CONDUIT. PROVIDE A DEDICATED NEUTRAL FOR EACH INDIVIDUAL CIRCUIT. WHERE MULTIPLE DEDICATED NEUTRALS ARE INSTALLED IN A COMMON CONDUIT, PROVIDE COLOR CODING OF THE DIFFERENT NEUTRAL CONDUCTORS IN ACCORDANCE WITH NEC 2020 (WHITE, GRAY, THREE CONTINUOUS WHITE OR GRAY STRIPES, ETC.).
- 13. STRUCTURES UNDERGOING CONSTRUCTION, ALTERATION, OR DEMOLITION OPERATIONS, INCLUDING THOSE IN UNDERGROUND LOCATIONS, SHALL COMPLY WITH NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, AND NFPA 1 (2018 EDITION, AS AMENDED).

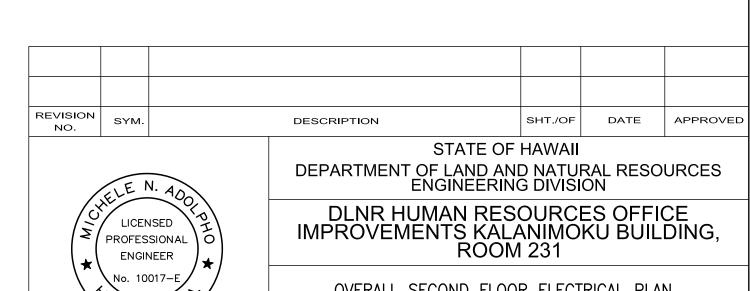
- 14. FIRE SAFETY DURING ALTERATION:
 - a. 16.4.4.1 WHERE THE BUILDING IS PROTECTED BY FIRE PROTECTION SYSTEMS, SUCH SYSTEMS SHALL BE MAINTAINED OPERATIONAL AT ALL TIMES DURING ALTERATION. 2018 NFPA 1.
 - b. 16.4.4.2 WHERE ALTERATION REQUIRES MODIFICATION OF A PORTION OF THE FIRE PROTECTION SYSTEM, THE REMAINDER OF THE SYSTEM SHALL BE KEPT IN SERVICE AND THE FIRE DEPARTMENT SHALL BE NOTIFIED. 2018 NFPA 1.
 - c. 16.4.4.3 WHEN IT IS NECESSARY TO SHUT DOWN THE SYSTEM, THE AHJ
 SHALL HAVE THE AUTHORITY TO REQUIRE ALTERNATE MEASURES OF
 PROTECTION UNTIL THE SYSTEM IS RETURNED TO SERVICE. 2018 NFPA 1.
 - 10.8.1.1 AS NECESSARY DURING EMERGENCIES, MAINTENANCE, DRILLS, PRESCRIBED TESTING, ALTERATIONS, OR RENOVATIONS, PORTABLE OR FIXED FIRE—EXTINGUISHING SYSTEMS OR DEVICES OR ANY FIRE—WARNING SYSTEM SHALL BE PERMITTED TO BE MADE INOPERATIVE OR INACCESSIBLE. A FIRE WATCH SHALL BE REQUIRED AS SPECIFIED IN SECTIONS 13.3.3.6.5.2(4)(b), 13.7.1.4.4, 16.5.4, 34.6.3.3, 41.2.2.6, 41.2.2.7, 41.2.4, 41.3.5, 41.4.1, 34.5.4.3, AND 25.1.8 AT NO COST TO THE AHJ. NFPA 1 2018, AS AMENDED.
- 15. AHJ APPROVAL:
 - a. 13.1.1 THE AHJ SHALL HAVE THE AUTHORITY TO REQUIRE THAT CONSTRUCTION DOCUMENTS FOR ALL FIRE PROTECTION SYSTEMS BE SUBMITTED FOR REVIEW AND APPROVAL AND A PERMIT BE ISSUED PRIOR TO THE INSTALLATION, REHABILITATION, OR MODIFICATION. FURTHER, THE AHJ SHALL HAVE THE AUTHORITY TO REQUIRE THAT FULL ACCEPTANCE TESTS OF THE SYSTEMS BE PERFORMED IN THE AHJ'S PRESENCE PRIOR TO FINAL SYSTEM CERTIFICATION.
 - b. FIRE ALARM SYSTEMS; FIRE HYDRANT SYSTEMS; FIRE—EXTINGUISHING SYSTEMS; STANDPIPES; AND OTHER FIRE—PROTECTION SYSTEMS AND APPURTENANCES REQUIRED BY THIS CODE SHALL BE APPROVED BY THE AHJ AS TO INSTALLATION AND LOCATION AND SHALL BE SUBJECT TO ACCEPTANCE TESTS REQUIRED BY THE APPROPRIATE COUNTY AGENCY. NFPA 1. CHAPTER 13 AS AMENDED.
- 16. COORDINATE ALL FIRE ALARM SYSTEM WORK WITH THE BUILDING'S FIRE ALARM SYSTEM MAINTENANCE CONTRACTOR. PAY FOR ALL CHARGES LEVIED BY THE FIRE ALARM SYSTEM MAINTENANCE CONTRACTOR FOR SERVICES RENDERED.
- 17. PRIOR TO COMMENCING ANY WORK ON THE EXISTING FIRE ALARM SYSTEM, CONFIRM THAT THE SYSTEM IS OPERATING PROPERLY BY TESTING THE SYSTEM IN THE PRESENCE OF THE ENGINEER'S DESIGNATED REPRESENTATIVE OR OBTAINING A CLEARANCE FROM THE ENGINEER. ANY PRE-EXISTING DEFICIENCIES SHOULD BE NOTED AT THIS TIME AND PRESENTED TO THE ENGINEER FOR THEIR ACTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING ANY ENSUING SYSTEM DEFICIENCIES NOT DOCUMENTED DURING THIS PRELIMINARY TESTING/CONFIRMATION PERIOD AT NO ADDITIONAL COST TO THE PROJECT.
- 18. DETECTION, ALARM, AND COMMUNICATION SYSTEMS:
 - a. 13.7.1.1 WHERE BUILDING FIRE ALARM SYSTEMS OR AUTOMATIC FIRE DETECTORS ARE REQUIRED BY OTHER SECTIONS OF THIS CODE, THEY SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH NFPA 70, NFPA 72, NATIONAL FIRE ALARM AND SIGNALLING CODE, AND SECTION 13.7. 2018 NFPA 1, AS AMENDED.
 - b. FIRE ALARM SYSTEM INSTALLATION AND MAINTENANCE SHALL BE IN ACCCORDANCE WITH NFPA 72, NATIONAL FIRE ALARM AND SIGNALLING CODE AND NFPA 1, 2018, AS AMENDED.
 - 13.7.1.4.10.5 UNLESS OTHERWISE PROVIDED IN 13.7.1.4.10.5.1 THROUGH 13.7.1.4.10.5.8, NOTIFICATION SIGNALS FOR OCCUPANTS TO EVACUATE SHALL BE AUDIBLE AND VISIBLE SIGNALS IN ACCORDANCE WITH NFPA 72 AND ICC/ANSI A117.1, AMERICAN STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, OR OTHER MEANS OF NOTIFICATION ACCEPTABLE TO THE AHJ SHALL BE PROVIDED. NFPA 1 2018, AS AMENDED. [101:9.6.3.5]
 - g. ALL VISUAL SIGNALLING DEVICES SHALL BE SYNCHRONIZED.
 - h. 13.7.1.4.10.8 AUDIBILITY. AUDIBLE ALARM NOTIFICATION APPLIANCES SHALL PRODUCE SIGNALS THAT ARE DISTINCTIVE FROM AUDIBLE SIGNALS USED FOR OTHER PURPOSES IN A GIVEN BUILDING. NFPA 1 2018, AS AMENDED. [101:9.6.3.8]
 - i. ALARM-SIGNALING DEVICES SHALL PRODUCE A SOUND THAT EXCEEDS THE AVERAGE AMBIENT SOUND LEVEL IN THE ROOM OR SPACE BY 15 DECIBELS MINIMUM, OR EXCEEDS ANY MAXIMUM SOUND LEVEL WITH A DURATION OF 60 SECONDS MINIMUM BY 5 DECIBELS MINIMUM, WHICHEVER IS GREATER. SOUND LEVELS FOR ALARM SIGNALS SHALL BE 110 DECIBELS MAXIMUM.
 - j. THE CONTRACTOR AND FIRE ALARM VENDOR SHALL ENSURE AUDIBILITY IS MET THROUGH ALL OCCUPIABLE AREAS AND SPACES. AUDIBILITY WILL BE THOROUGHLY CHECKED AT THE TIME OF ALARM ACCEPTANCE TESTING.

- 19. 13.7.3.2.5 A TAG SHALL BE PLACED ON THE FIRE ALARM PANEL WHEN TESTED IN ACCORDANCE WITH SECTION 13.7.3.2. INFORMATION ON THE TAG SHALL INCLUDE THE DATE OF TESTING, TESTING COMPANY, AND CONTACT INFORMATION, TECHNICIAN PERFORMING THE TEST, AND THAT THE TEST WAS SATISFACTORY. NFPA 1 2018, CHAPTER 13, AS AMENDED.
- 20. 13.7.3.2.1 APPROVAL AND ACCEPTANCE:
 - a. 13.7.3.2.1.3 BEFORE REQUESTING FINAL APPROVAL OF THE INSTALLATION, IF REQUIRED BY THE AHJ, THE INSTALLING CONTRACTOR SHALL FURNISH A WRITTEN STATEMENT STATING THAT THE SYSTEM HAS BEEN INSTALLED IN ACCORDANCE WITH APPROVED PLANS AND TESTED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND THE APPROPRIATE NFPA REQUIREMENTS. [72:10.8.18.1.3]
 - b. 13.7.3.2.1.4* THE RECORD OF COMPLETION FORM, FIGURE 10.18.2.1.1 OF NFPA 72 2010, SHALL BE PERMITTED TO BE A PART OF THE WRITTEN STATEMENT REQUIRED IN 13.7.3.2.1.3 WHEN MORE THAN ONE CONTRACTOR HAS BEEN RESPONSIBLE FOR THE INSTALLATION, EACH CONTRACTOR SHALL COMPLETE THE PORTIONS OF THE FORM FOR WHICH THAT CONTRACTOR HAD RESPONSIBILITY. [72:10.8.18.1.4]
 - c. 13.7.3.2.1.5 THE RECORD OF COMPLETION FORM, FIGURE 10.18.2.1.1 OF NFPA 72 2010, SHALL BE PERMITTED TO BE A PART OF THE DOCUMENTS THAT SUPPORT THE REQUIREMENTS OF 13.7.3.2.2.4. 2018 NFPA 1, AS AMENDED. [72:10.18.1.5]

ELECTRICAL SYMBOL LIST / MOUNTING HEIGHT SCHEDULE MOUNTING HEIGHT (SPECIAL MOUNTING HEIGHTS INDICATED ON PLAN) FROM FLOOR TO SYMBOL **DESCRIPTION** TOP **EXISTING** NEW LUMINAIRE, CEILING MOUNTED LIGHT SWITCH, 3-WAY, FLUSH WALL MOUNTED, 1P20A, 120/277V, 1HP MAX. (LETTER INDICATES LUMINAIRES CONTROLLED) 4 3 **PANELBOARD** (J)FIRE ALARM PANEL, TYPE AS INDICATED FIRE ALARM SPEAKER / STROBE. CEILING MOUNTED FIRE ALARM STROBE, CEILING MOUNTED <\[F]+ FIRE ALARM STROBE, WALL MOUNTED FIRE ALARM PULL STATION CONCEALED CONDUIT IN CEILING OR WALLS (HASHMARKS INDICATE QUANTITY OF CURRENT-CARRYING CONDUCTORS WITHIN. NO HASHMARKS INDICATE TWO CURRENT CARRYING CONDUCTORS WITHIN) HOMERUN ARROW TO PANELBOARD. LETTER INDICATES PANELBOARD, NUMBERS INDICATES CIRCUIT ASSIGNMENT A - 1.3FIRE ALARM RACEWAY, 3/4" MINIMUM CONDUIT, CONDUCTORS AS REQUIRED DENOTES DEMOLITION/REMOVAL

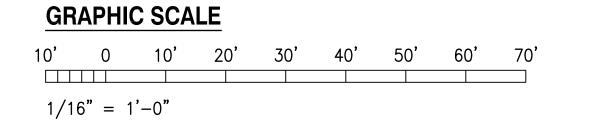












OVERALL SECOND FLOOR ELECTRICAL PLAN LICENSE EXPIRATION DATE: DESIGNED: SUBMITTED: CHECKED: DATE: 4/12/24 APPROVED: MA SCALE: AS NOTED **Gayson Ching** DRAWING NO. Muhhad E-signed 2024-05-10 04:28PM PDT **E-2** gayson.y.ching@hawaii.gov CHIEF ENGINEER State of Hawaii

SHEET NO. 11 SHEETS JOB NO. J00AO99B

APRIL 30, 2026

